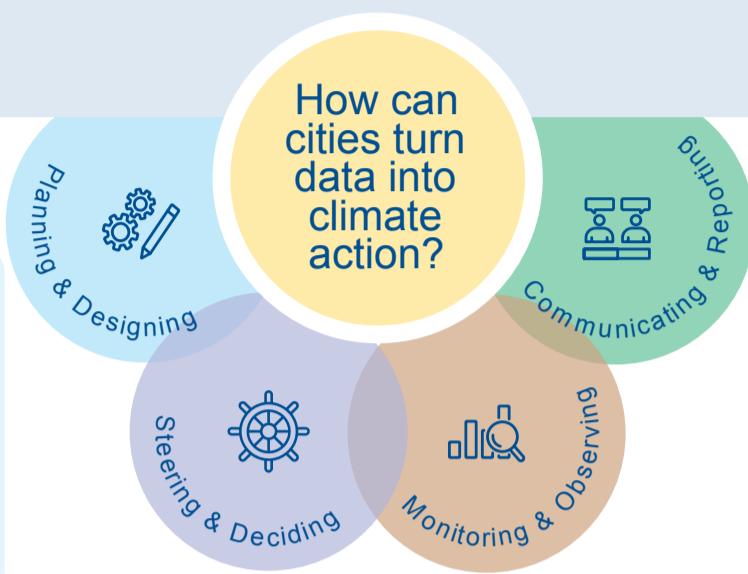


# IEA Cities Task 2

## Data for Urban Energy Planning

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### Why is Task 2 needed?

Cities and municipalities consume about two thirds of global energy and emit a similar share of CO<sub>2</sub>.

However, they often lack access to suitable data, tools, expertise and resources, leading to fragmented decisions and slowing effective **urban energy transitions**.



### How is this challenge approached?

IEA Cities Task 2 addresses this gap by connecting R&D institutions, cities, energy agencies and NGOs. Together, they collect and analyse real-world municipal use cases and the underlying data, methods, tools and governance models. They translate expertise into practical guidance for **urban energy planning**.



### What do cities gain from Task 2?

Cities gain actionable knowledge, proven methods and concrete examples supporting key municipal tasks such as **planning**, **monitoring**, **decision-making** and **communication**.

They benefit from international exchange, capacity building, reduced planning complexity and greater confidence in decarbonization-related decisions.



### How is the impact through COMMUNICATION and PUBLICATION ensured?

**Translation** of engineer-ish knowledge into city-ready insights for broad municipal uptake.

**Knowledge hub** – targeted dissemination of fact sheets, explainer videos, training materials and workshops

Cities TCP



### How are these benefits generated?

Benefits are achieved through systemic collection and evaluation of municipal best practices, linked with suitable data, methods and tools.

These insights are transformed into clear frameworks, guidance and learning materials tailored to practical urban energy planning needs.



### What makes IEA Cities Task 2 unique?

Task 2 places cities and municipalities at the center of the IEA TCP, focusing on solutions rather than technologies and combining international expertise with real municipal use cases and strong knowledge-translation mechanisms.



### Which key challenges does Task 2 address?

- Fragmented data availability and inconsistent data quality
- Lack of harmonised standards and comparable approaches
- Limited skills and resources
- Legal and organisational barriers to data use
- Difficulty translating technical know-how into municipal practical



### What are the concrete outcomes and impacts?

- Catalogue of use cases and lessons learned (e.g. reports)
- Classification of tools, methods and services (e.g. fact sheets, videos, workshops)
- Urban energy data mapping tool
- Templates for data governance and management
- Training package & communication materials



### Communication & Publication

Interactive communication and hands-on sessions are carried out with cities, action-learning groups and in close cooperation with NGOs and energy agencies.



### R & D



NGOs Energy agencies  
Multiplicators & translators



"engineer-ish"

### Cities



"city-ish"



Sample of a factsheet

